

CSL Outreach, Communication, Education

Staff Member	Event/Student/Presentation	Organization	Year	Type
Erik Larson	Education outreach at Liceo María Auxiliadora (girl's high school in Punta Arenas Chile) described ATom science to 2 high school classes, May 8, 2018 Co-Convenor (with T. Thornberry and R. Ueyama) for session on UTLS observations and modeling at 2017 AGU		2017, 2018	Other Education Contributions
Ann Thorne	OAR ODIAC Committee	OAR	2019, 2020	Other Outreach Activities
Brandi McCarty	Council Representative for BLDC 2019 - present, Monthly birthday social/all hands	NOAA	2019-present	Other Outreach Activities
Megan Bela	PhD co-advisor, Janáina Nascimento, Program for Climate and the Environment, Institute of Physics, University of São Paulo (IF-USP) and National Institute of Amazonian Research (INPA), Brazil	University of São Paulo, Brazil	2019-present	Adviser or Defense Committee for Ph D. Candidates
Erik Larson	Youngzine, Scientific editor for Climate Change		2019-present	Recognition of Outreach/Education/EE O/Diversity Efforts
Brian McDonald	Science on Tap (2018), Boulder HS Visit (2019), Herdrix College Visit (2019)		2018, 2019	Other Education Contributions
Daniel Van Hoomissen	Skype a Scientist, ACS Conference CSM Representative Graduate Student Recruiting Rep, Douglas County Career Connect, Dyslexia Science Camp	ACS	2018-present	Other Outreach Activities
Megan Bella	CIRES supervisor for Ms. Nascimento's research visit to NOAA ESRL CSL	CIRES	2018-2019	Other Education Contributions
Tak Yamaguchi	PhD committee (Jianhao Zhang, University of Miami)	University of Miami	2017-2020	Adviser or Defense Committee for Ph D. Candidates
James Roberts	Defense Committees: Jordan Krechmer, Megan Claflin, Zachary Finewax, all CU Chemistry Dept.	University of Colorado	2017-2020	Adviser or Defense Committee for Ph D. Candidates
Raul Alvarez	Presentation for 8th Grade Science Days	NOAA	2017-2019	Outreach/Education
Patrick Veres	CU Wizards Participant	University of Colorado	2016, 2018	Other Education Contributions
Amy Butler	Denver Public Schools 8th Grade Career Fair; Smoky Hill High School World Awareness Day, "Lessons from the Antarctic Ozone Hole", Parker, Colorado; "The Stratosphere: how winds miles above us can be used to predict the weather weeks in advance", CIRES Education and Outreach webinar, https://cires.colorado.edu/outreach/scienceathome/butler ; Professional twitter account, @DrAHButler, with 5560 followers- 3500 tweets about stratospheric polar vortex events and large-scale circulation		2016, 2018	Other Outreach Activities

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Steve Brown	CU Wizards presentation, "There's something in the air", for K-8, Adjunct faculty at NCA&T HBCU, advised Ph.D. students		2016-2018	Other Outreach Activities
Caroline Womack	CU Wizards participant. Colorado Science and Engineering Fair Grand Judge. Boulder 8th Grade Science Days workshop leader. Meet a Scientist at the Denver Museum of Natural Science Girls in Science Day		2016-2018	Other Education Contributions
Steve Brown	1-3 Ph.D. or orals committees annually, University of Colorado	University of Colorado	2015-present	Adviser or Defense Committee for Ph D. Candidates
Steve Brown	Adjoint professor of Chemistry, University of Colorado.	University of Colorado	2015-present	Other Education Contributions
Erik Larson	I Have A Dream mentor		2015-2016	Other Education Contributions
Joshua Schwarz	Committee Member Rutgers	Rutgers	2020	Outreach/Education
Joseph Katich	Presenter in NOAA Bite-sized Science, ATom edition	NOAA	2020	Outreach/Education
Joshua Schwarz	CIRES/NOAA Science-at-Home Virtual Speaker Series Speaker, 2020	CIRES, NOAA	2020	Outreach/Education
Daniel Murphy	CIRES/NOAA Science-at-Home Virtual Speaker Series Speaker	CIRES, NOAA	2020	Outreach/Education
Adam Ahern	LiNeph Principal Investigator		2020	Outreach/Education
Dan Murphy	CIRES/NOAA Science-at-Home Virtual Speaker Series Speaker, 2020	NOAA, CIRES	2020	Outreach/Education
Andrew Langford	Ph.D. thesis committee member for Bo Wang at the U. of Alabama, Huntsville.	University of Alabama	2020	Adviser or Defense Committee for Ph D. Candidates
Brian McDonald	Contributor GEO-XO AC White paper		2020	Assessment Contributions
Zachary Decker	Senior Editor at Science Buffs - Boulder Science group dedicated to science outreach by communicating CU science to the community. CU Wizards - Power of Air - participant in a 1-hour live show for grade school kids.	University of Colorado	2020	Other Outreach Activities
Christina Williamson, Carrie Womack, Matt Coggon, Brandi McCarty, Angela Nyul, Scott Sandberg, James Roberts, Ann Thorne, Pornampai Narenpitak, Katherine Ball, John Daniel, Kenneth Aiken, Jenny Fox, Charles Brock, Rebecca Schwantes, Anne Middelbrook, Joshua Schwarz, Sunil Baidar, Melissa Breedon, Steven Brown, Xiaoli Zhou, Daniel Van Hoomissen, Audrey Gaudel, Henry Bowman	CSL Anti-Racism Working Group		2020	Other Outreach Activities
Robert Banta	Ph.D. Committee Member, Nicola Bodini, University of Colorado	CU	2019	Adviser or Defense Committee for Ph D. Candidates
Graham Feingold	Bellouin et al. DOI: 10.1029/2019RG000660		2019	Assessment Contributions

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Eric Ray	Taught two 8th grade science classes at Boulder Country Day school		2019	Other Education Contributions
Raul Alvarez	Recognition of outreach participation from NOAA ESRL outreach coordinator	NOAA	2018	Outreach/Education
Andrew Langford	MS thesis committee member for Jodie Clark at the San Jose State University,	San Jose State University	2018	Adviser or Defense Committee for Ph D. Candidates
Kai-Lang Chang	Contributing author on the scientific assessment of ozone depletion: 2018, Chapter 3 (Update on Global ozone: past, present, and future)		2018	Assessment Contributions
Owen Cooper	1) Contributing author on global tropospheric O ₃ observations for Chapter 2 (Changing state of the climate system) and Chapter 6 (Short-lived climate forcers) of the Working Group I contribution to the IPCC Sixth Assessment Report (AR6); 2) co-Chair of IGAC's Tropospheric Ozone Assessment Report; 3) regular contributing author to the annual NOAA State of the Climate Reports for tropospheric ozone	NOAA	2018	Assessment Contributions
Audrey Gaudel	1) TOAR: Lead-author on TOAR-Climate, leader of the "Free Troposphere" working group 2) Contributing author on the scientific assessment of ozone depletion: 2018, Chapter 3 (Update on Global ozone: past, present, and future)	IGAC	2018	Assessment Contributions
Jian He	1) Contributing author on Intergovernmental Panel on Climate Change Assessment Report 6 Working Group I, Chapter 5 (Global Carbon and other Biogeochemical Cycles and Feedbacks) and Chapter 6 (Short-lived Climate Forcers); 2) Contributor to Methane Assessment for the Climate and Clean Air Coalition	IPCC	2018	Assessment Contributions
Brian McDonald	NPR's Science Friday	NPR	2018	Other Outreach Activities
Steve Brown	Utah Winter Fine Particulate Study Final Report	NOAA	2018	Assessment Contributions
Jessica Gilman	Invited seminar speaker for NCAR ACOM and UC Irvine		2018	Recognition from Academia
Jessica Gilman	AAAS highlighted paper and press conference in Austin, TX for McDonald et al.	AAAS	2018	Recognition of Publications
Eric Ray	2018 WMO Ozone Assessment Chapter 5 co-author	WMO	2018	Assessment Contributions
Karl Froyd	PhD thesis committee member		2017	Adviser or Defense Committee for Ph D. Candidates
Jan Kazil	Pre-examiner for PhD defense of Alessandro Franchin, University of Helsinki	University of Helsinki	2017	Adviser or Defense Committee for Ph D. Candidates
Zachary Finewax	Partnerships for Informal Science Education in the Community (PISEC)		2017	Other Outreach Activities
Jeff Peischl	Published article in Frontiers for Young Minds, a scientific journal written for middle school-aged children;		2017	Other Education Contributions

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Michael Robinson	Jay Kroll, University of Colorado, Advised by Veronica Vaida	University of Colorado	2017	Adviser or Defense Committee for Ph D. Candidates
Caroline Womack	UWFPS campaign blog co-author		2017	Other Outreach Activities
Rebecca Washenfelder	Jay Kroll, University of Colorado, Advised by Veronica Vaida	University of Colorado	2017	Adviser or Defense Committee for Ph D. Candidates
David W. Fahey	Earth observations & modeling for decision making, Making Assessments for Policy for Environmental Research Scientist (MAPERS), NERC Advance Training Short course, University of Leeds, Leeds, UK	University of Leeds	2017	Other Education Contributions
Graham Feingold	Public Lecture, Telluride Science Research Center	Telluride Science Research Center	2016	Other Outreach Activities
Raul Alvarez	Presentation for 8th grade science days	OAR	2015	Outreach/Education
David W. Fahey	The role of the Montreal Protocol in protecting present and future climate: A scientific perspective, ATOC4088/5000: Policy implications of climate/Critical issues in climate and the environment, Department of Atmospheric and Oceanic Sciences, University of Colorado, Boulder, CO,	University of Colorado	2015	Other Education Contributions
Audrey Gaudel	Assisted a professor at CU Boulder with Python for her class on stratospheric ozone	University of Colorado		Other Education Contributions
Brian McDonald	Ph.D. Defense of Lucas Algrim (CU-Boulder)	University of Colorado		Adviser or Defense Committee for Ph D. Candidates
Matt Coggon	Invited lecturer at University of Denver, Presenter at Science on Tap, CU Wizards participant, Colorado Science and Engineering Fair Grand Judge (2018), Outreach to high schools and middle schools			Other Education Contributions
Jessica Gilman	Invited lecturer at University of Colorado, Boulder	University of Colorado		Other Education Contributions
Jessica Gilman	NOAA CSL organizer for Hendrix College EPROACH program; Featured scientist in "Human Element" documentary by James Balog; Presenter at local Science on Tap	NOAA		Other Outreach Activities
Jeff Peischl	Peischl et al. (JGR 2015) highlighted in Nature, Environmental Sciences quarterly, and among top-cited JGR papers 2015–2016; Peischl et al. (JGR 2016) top-10 download for 2017	JGR, Nature		Recognition of Publications
Michael Robinson	Invited speaker at Harvard University, University of Michigan, University of Colorado, NCAR			Recognition from Academia
Rebecca Washenfelder	Invited speaker at Harvard University, University of Michigan, University of Colorado, NCAR			Recognition from Academia
Angela Nyul	OAR EEO Committee	OAR		Other Outreach Activities
Adler, Gabriela	Stewart, Maggie	DPS Career Connect	2017	Mentors for Graduate/Undergraduate/High School Students

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Aikin, Ken and Peischl, Jeff	Walker, Zachary	Hollings	2019	Mentors for Graduate/Undergraduate /High School Students
Baidar, Sunil and Choukulkar, Aditya	Moore, Michael	RECCS	2018	Mentors for Graduate/Undergraduate /High School Students
Bela, Megan	Nascimento, Jana	CIRES	2018-present	Mentors for Graduate/Undergraduate /High School Students
Bourgeois, Ilann	Abdelrahman, Mai	RECCS	2020	Mentors for Graduate/Undergraduate /High School Students
Bourgeois, Ilann	Breshears, Riley	RECCS	2020	Mentors for Graduate/Undergraduate /High School Students
Brewer, Wm. Alan	Carroll, Brian	SSIO	2016	Mentors for Graduate/Undergraduate /High School Students
Brewer, Wm. Alan	Diaz Fortich, Adrian	NERTO	2019	Mentors for Graduate/Undergraduate /High School Students
Brewer, Wm. Alan and Choukulkar, Aditya	Liu, Qin	CREST	2015	Mentors for Graduate/Undergraduate /High School Students
Brewer, Wm. Alan and Marchbanks, Richard	Armstrong, Peter "Max"	CIRES	2019	Mentors for Graduate/Undergraduate /High School Students
Brown, Steven	Oge, Samuel	EPP	2016	Mentors for Graduate/Undergraduate /High School Students
Brown, Steven	Roberts, Matthew	CIRES	2019	Mentors for Graduate/Undergraduate /High School Students
Brown, Steven	McDuffie, Erin	CIRES; CIRES GRA	2014-2018	Mentors for Graduate/Undergraduate /High School Students
Brown, Steven	Greene, Jaime	HBCU (North Carolina A&T State University)	2015-2020	Mentors for Graduate/Undergraduate /High School Students
Brown, Steven	Decker, Zachary	CIRES; CIRES GRA	2016-present	Mentors for Graduate/Undergraduate /High School Students
Brown, Steven	Robinson, Michael	CIRES; CIRES GRA	2018-present	Mentors for Graduate/Undergraduate /High School Students
Brown, Steven and Womack, Caroline	Roots, Maurice	Hollings	2018	Mentors for Graduate/Undergraduate /High School Students
Brown, Steven and Womack, Caroline	Chace, Wyndom	Hollings	2020	Mentors for Graduate/Undergraduate /High School Students
Butler, Amy	Benjamin, Jordan	Hollings	2018	Mentors for Graduate/Undergraduate /High School Students
Butler, Amy	Kelly, Reese	High School program	2018-2019	Mentors for Graduate/Undergraduate /High School Students

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Churnside, James and McCarty, Brandi	Marshall, Nathan	Hollings	2019	Mentors for Graduate/Undergraduate /High School Students
Coggon, Matthew	Wilson, Anna	Hollings	2020	Mentors for Graduate/Undergraduate /High School Students
Coggon, Matthew and Warneke, Carsten	Finewax, Zachary	CIRES	2017	Mentors for Graduate/Undergraduate /High School Students
Cooper, Owen	Klader, Ryan	Hollings	2015	Mentors for Graduate/Undergraduate /High School Students
Dailey-Fisher, Debra	Ogbai, Yokabed	DPS Career Connect	2017	Mentors for Graduate/Undergraduate /High School Students
Dailey-Fisher, Debra	Laughlin, Sophia	CIRES	2017-2018	Mentors for Graduate/Undergraduate /High School Students
Dailey-Fisher, Debra	Samuelson, Libby	CIRES	2015	Mentors for Graduate/Undergraduate /High School Students
Dailey-Fisher, Debra	Young, Lindsay	DPS Career Connect	2016	Mentors for Graduate/Undergraduate /High School Students
Dailey-Fisher, Debra	Toth, Zita	STC	2013-2016	Mentors for Graduate/Undergraduate /High School Students
Dailey-Fisher, Debra	Davis, Annie	CIRES	2013-2018	Mentors for Graduate/Undergraduate /High School Students
Dailey-Fisher, Debra	Kinkade, Jennifer	CIRES	2015-2019	Mentors for Graduate/Undergraduate /High School Students
Davis, Sean and Rosenlof, Karen	Hergesheimer, David	STAR	2015	Mentors for Graduate/Undergraduate /High School Students
Davis, Sean and Rosenlof, Karen	Lezine, Ekaterina	SOARS	2018-2019	Mentors for Graduate/Undergraduate /High School Students
de Gouw, Joost	Koss, Abigail	CIRES GRA	2013-2017	Mentors for Graduate/Undergraduate /High School Students
Feingold, Graham	Leandro, Mason	CIRES	2020	Mentors for Graduate/Undergraduate /High School Students
Feingold, Graham	McBride, Brent	NERTO	2019-2020	Mentors for Graduate/Undergraduate /High School Students
Fox, Jennifer	Ravikumar, Kavya	CIRES	2015-2016	Mentors for Graduate/Undergraduate /High School Students
Frost, Gregory and McDonald, Brian	Tisinai, Shelby	STC	2017	Mentors for Graduate/Undergraduate /High School Students
Frost, Gregory and McDonald, Brian	Gamarro, Harold	NERTO, CIRES	2020	Mentors for Graduate/Undergraduate /High School Students

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Frost, Gregory and McDonald, Brian	Gorchov-Negron, Alan	SOARS, STC, CIRES	2015-2018	Mentors for Graduate/Undergraduate /High School Students
Frost, Gregory and McDonald, Brian	Francouer, Colby	CIRES; CIRES GRA	2019-present	Mentors for Graduate/Undergraduate /High School Students
Frost, Gregory and McDonald, Brian	Harkins, Colin	CIRES GRA	2020-present	Mentors for Graduate/Undergraduate /High School Students
Frost, Gregory and McDonald, Brian	Durant, Justin	Hollings	2016	Mentors for Graduate/Undergraduate /High School Students
Gao, Ru-Shan	Conti, Morris	High School program	2016	Mentors for Graduate/Undergraduate /High School Students
Gao, Ru-Shan	Osborn, Jackson	CIRES	2016	Mentors for Graduate/Undergraduate /High School Students
Gao, Ru-Shan	Owens, Gregor	DPS Career Connect	2017	Mentors for Graduate/Undergraduate /High School Students
Gao, Ru-Shan	Schwartz, Samuel	DPS Career Connect	2017	Mentors for Graduate/Undergraduate /High School Students
Gao, Ru-Shan	Van Sickle, Max	DPS Career Connect	2017	Mentors for Graduate/Undergraduate /High School Students
Gao, Ru-Shan	Liu, David	CIRES	2015-2017	Mentors for Graduate/Undergraduate /High School Students
Gao, Ru-Shan	Burt, Leighton	CIRES	2017-2018	Mentors for Graduate/Undergraduate /High School Students
Gao, Ru-Shan	Brock, David	CIRES	2017-2018	Mentors for Graduate/Undergraduate /High School Students
Gaudel, Audrey	Murray, Mia	SOARS	2018	Mentors for Graduate/Undergraduate /High School Students
Gilman, Jessica	Tokarek, Travis	Univ Calgary (Can.) Grad Student	2015	Mentors for Graduate/Undergraduate /High School Students
Gilman, Jessica	Daugherty, Michael	Hollings	2017	Mentors for Graduate/Undergraduate /High School Students
Katich, Joseph	Lara, Pamela	NERTO	2020	Mentors for Graduate/Undergraduate /High School Students
Lamb, Kara	Thatcher, Melanie	STAR	2017	Mentors for Graduate/Undergraduate /High School Students
Murphy, Daniel; Froyd, Karl and Middlebrook, Ann	Slovacek, Kyra	CIRES	2018-2020	Mentors for Graduate/Undergraduate /High School Students
Parrish, David	Bolz-Weber, Judah	DPS Career Connect	2017	Mentors for Graduate/Undergraduate /High School Students

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Parrish, David	Bowman, Henry	Carleton College	2020-present	Mentors for Graduate/Undergraduate /High School Students
Peischl, Jeff	Arias, Cesar	High School program	2021	Mentors for Graduate/Undergraduate /High School Students
Peischl, Jeff	Song, Carolyn	High School program	2019-2020	Mentors for Graduate/Undergraduate /High School Students
Peischl, Jeff	Alemayehu, Ayana	High School program	2019-2020	Mentors for Graduate/Undergraduate /High School Students
Pichugina, Yelena	Sand, Sara	Hollings	2016	Mentors for Graduate/Undergraduate /High School Students
Pichugina, Yelena	O'Bryan, Hugh	DPS Career Connect	2017	Mentors for Graduate/Undergraduate /High School Students
Pichugina, Yelena	Williams, Spencer	DPS Career Connect	2017	Mentors for Graduate/Undergraduate /High School Students
Pichugina, Yelena and Banta, Bob	Mitchell, Meghan	SOARS	2015	Mentors for Graduate/Undergraduate /High School Students
Pichugina, Yelena and McCarty, Brandi	Persson, Noah	CIRES	2017	Mentors for Graduate/Undergraduate /High School Students
Pichugina, Yelena and McCarty, Brandi	Sasser, Christiana	CREST	2019	Mentors for Graduate/Undergraduate /High School Students
Rosenlof, Karen	Eamon, Katie	PROGRESS	2017-2019	Mentors for Graduate/Undergraduate /High School Students
Rosenlof, Karen and Butler, Amy	Dasan, Rohini	STC	2016	Mentors for Graduate/Undergraduate /High School Students
Ryerson, Thomas and Koss, Abigail	Lynn, Anna	Hollings	2016	Mentors for Graduate/Undergraduate /High School Students
Ryerson, Thomas	Laubach, Allison	Hollings	2017	Mentors for Graduate/Undergraduate /High School Students
Ryerson, Tom; Peischl, Jeff; Brewer, Alan; Alvarez, Raul; Marchbanks, Richard and Sandberg, Scott	Holloway, Max	STC, CIRES	2014-present	Mentors for Graduate/Undergraduate /High School Students
Schroeder, Paul	Chiao, Jenny	Hollings	2018	Mentors for Graduate/Undergraduate /High School Students
Schroeder, Paul	Fernandez, Aris	NERTO	2018	Mentors for Graduate/Undergraduate /High School Students
Senff, Christoph	Small, Angela	Hollings	2015	Mentors for Graduate/Undergraduate /High School Students

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Senff, Christoph	Desoto, Sabrina	University of Denver Grad Student	2020	Mentors for Graduate/Undergraduate /High School Students
Thompson, Chelsea	Purcell, Ashley	DPS Career Connect	2017-2019	Mentors for Graduate/Undergraduate /High School Students
Thornberry, Troy	Austin, Grant	DPS Career Connect	2019	Mentors for Graduate/Undergraduate /High School Students
Wagner, Nick	Lyu, Ming	Univ Alberta (Can.) Grad Student	2019	Mentors for Graduate/Undergraduate /High School Students
Washenfelder, Rebecca	Azzarello, Lisa	York Univ (Can.) Grad Student	2019	Mentors for Graduate/Undergraduate /High School Students
Washenfelder, Rebecca	Ball, Katherine	Hollings	2020	Mentors for Graduate/Undergraduate /High School Students
Womack, Caroline	Lindaas, Jakob	Colorado State Univ Grad Student	2019	Mentors for Graduate/Undergraduate /High School Students
Womack, Caroline and Ryerson, Thomas	Warner, Ashley	CIRES	2015-2016	Mentors for Graduate/Undergraduate /High School Students
Yamaguchi, Tak and Feingold, Graham	Balsells, Joseph	CIRES	2015-2017	Mentors for Graduate/Undergraduate /High School Students